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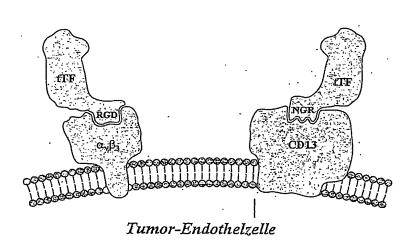


Fig. 2:

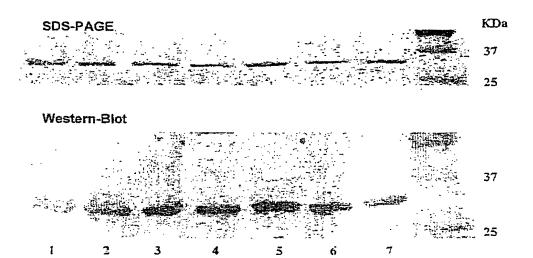
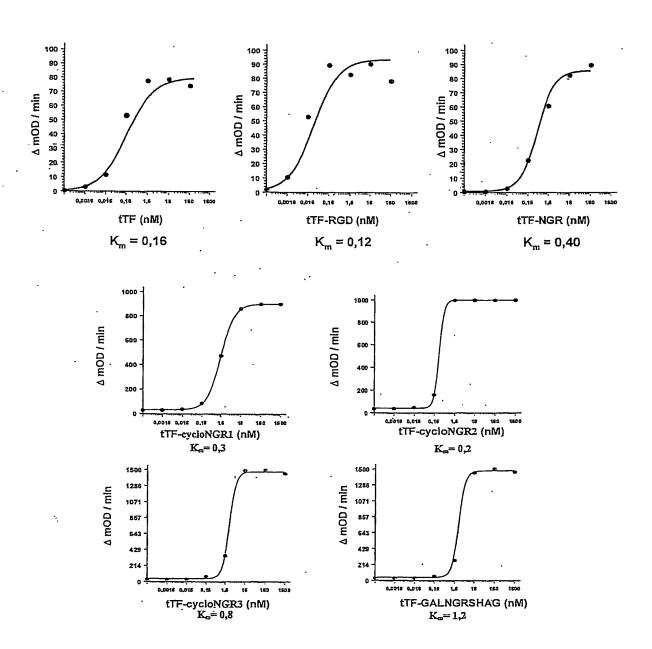


Fig. 3:



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Fig. 4:

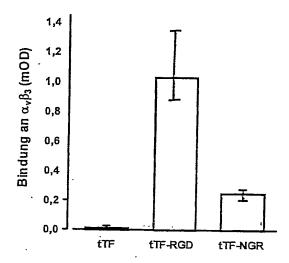


Fig. 5:

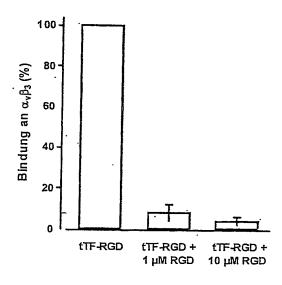
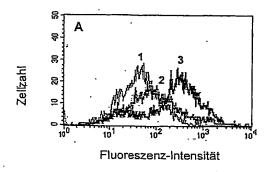
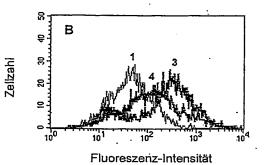


Fig. 6:





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Fig. 7:

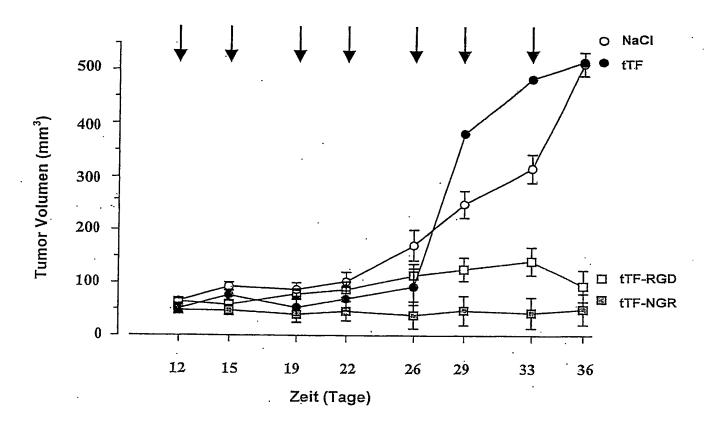
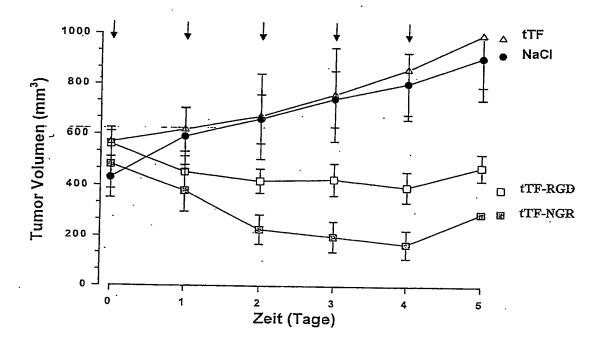


Fig. 8:



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Fig. 9:

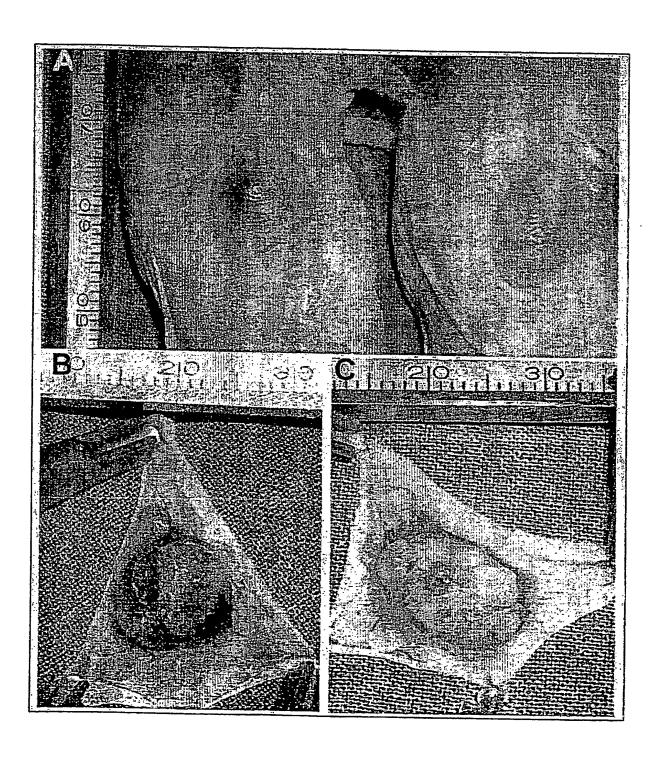


Fig. 10: 10/22

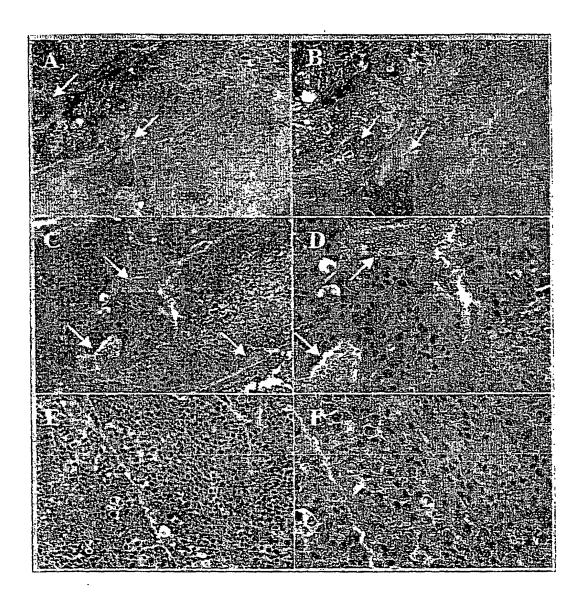
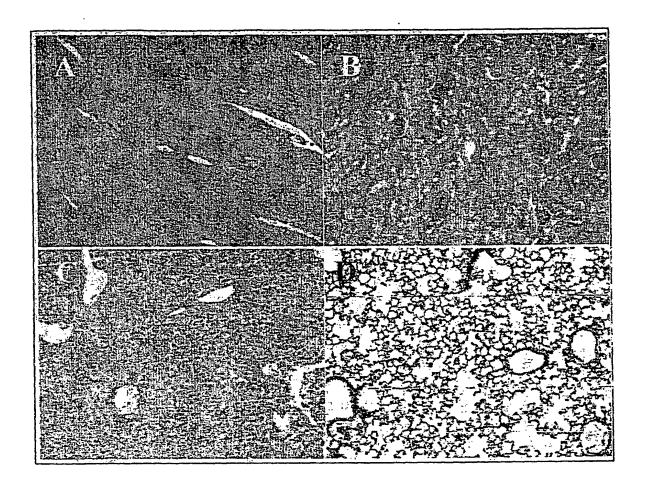


Fig. 11:



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Fig. 12:

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS
GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE
STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT
VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA
KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM
GQEKGEFREIFYIIGAVVFVVIILVIILAISLHKCRKAGVGQSW
KENSPLNVS

Fig. 13:

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS;
GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE
STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT
VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA
KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM
GQEKGEFR

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Fig. 14:

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS
GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE
STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT
VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA
KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM
GQEKGEFRGRGDSD

Fig. 15:

SGTTNTVAAYNLTWKSTN-FKTILEWEPKPVNQVYTVQISTKS
GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE
STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT
VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA
KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM
GQEKGEFRGNGRAHA

Fig. 16

GTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS
DWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE
TGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT
EDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA
TNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM
QEKGEFRGALNGRSHAG

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Fig. 17:

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM GQEKGEFRGCNGRCG

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM GQEKGEFRGCNGRCVSGCAGRC

Fig. 19:

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQISTKS GDWKSKCFYTTDTECDLTDEIVKDVKQTYLARVFSYPAGNVE STGSAGEPLYENSPEFTPYLETNLGQPTIQSFEQVGTKVNVT VEDERTLVRRNNTFLSLRDVFGKDLIYTLYYWKSSSSGKKTA KTNTNEFLIDVDKGENYCFSVQAVIPSRTVNRKSTDSPVECM GQEKGEFRGCVLNGRMEC

Fig. 20:

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Fig. 21:

Fig. 22:

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Fig. 24:

Fig. 25:

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Fig. 26:

Fig. 27:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

B: 5'-CGGGATCCTATTATCTGAATTCCCCTTTCTCCTGGCCCAT-3'

Fig. 28:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

B: 5'-CGGGATCCTATTATGGAGAATCACCTCTTCCTCTGAATTCCCCC-3'

Fig. 29:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

B: 5'-CGGGATCCTATTATGCATGTGCTCTTCCGTTACCTCTGAATTCCCC-3'

Fig. 30:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

B: 5'-CGGGATCCTATTAACCACATCTACCGTTGCAGCCTCTGAATTCCCC-3'

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Fig. 31:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

B: 5'-CGGGATCCTATTAACATCGTCCTGCACATCCAGAAACACATCTTCCATTACAACC

Fig. 32:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

B: 5'-CGGGATCCTATTA GCA TTC CAT CCT ACC ATT TAA GAC GCA TCC TCTGAATTCCCC-3

Fig. 33:

A: 5'-CATGCCATGGGATCAGGCACTACAAATACTGTGGCAGCATATAAT-3'

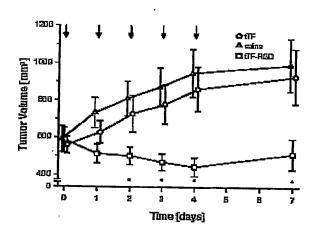
B: 5'-CGGGATCCTATTA ACCAGCGTGAGATCTTCCATTTAAAGCACCTCTGAATTCCCC-3'

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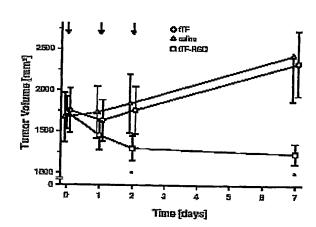
Fig. 34

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a



b



C

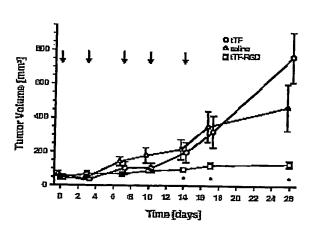


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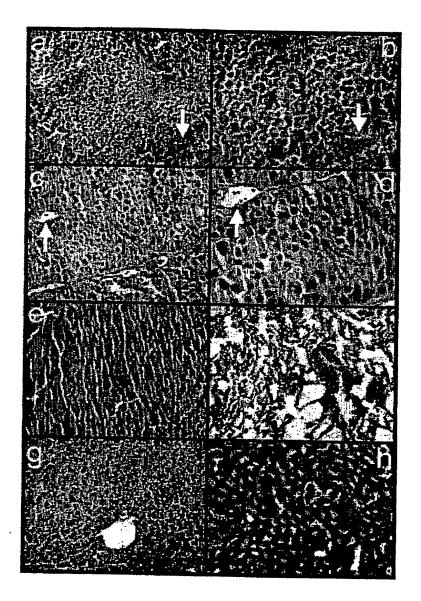
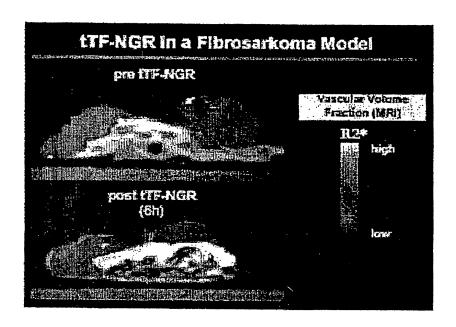


Fig. 37 22/22



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